



U.S. Department  
of Transportation

Pipeline and  
Hazardous Materials  
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE USA/0757/S-96, REVISION 1

East Building, PHH-23  
1200 New Jersey Avenue SE  
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model X9066.
2. Source Description - Cylindrical single encapsulation made of Series 300 stainless steel and tungsten inert gas seal welded. Approximate outer dimensions are 19.94 mm (0.785 in.) in diameter and 105.92 mm (4.17 in.) in length. Construction shall be in accordance with attached QSA Global, Inc. Drawing No. RB00223, Rev. B.
3. Radioactive Contents - No more than 740.0 GBq (20.0 Ci) of Americium-241. The Am-241 is in the form of an oxide mixed with a beryllium powder that is pressed into a solid pellet.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on September 30, 2013. On December 31, 2008, this certificate supersedes all previous revisions of USA/0757/S-96.

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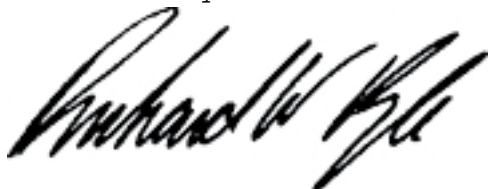
<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

<sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

**CERTIFICATE USA/0757/S-96, REVISION 1**


This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the October 14, 2008 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



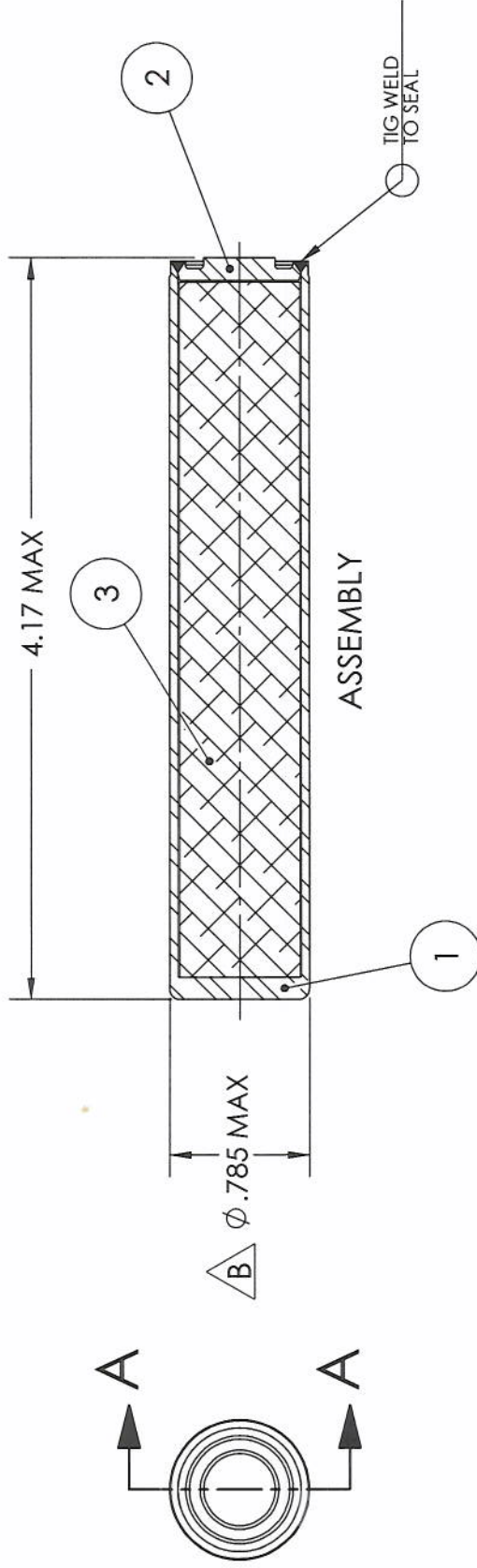
**Oct 20 2008**

(DATE)

 Robert A. Richard

Deputy Associate Administrator for Hazardous Materials Safety

Revision 1 - Issued to revise minor dimensional tolerances.



3	ACTIVE MATERIAL	A/R
2	CAPSULE LID (STAIN. STL)	1
1	CAPSULE BODY (STAIN. STL)	1
ITEM NO.	DESCRIPTION	QTY.

UNLESS OTHERWISE SPECIFIED:

ALL DIMENSIONS ARE INCHES, TOLERANCE  $\pm .03$



DESCRIPTIVE  
DRAWING

40 NORTH AVE, BURLINGTON, MA 01803

ERF #	APPROVALS	DATE	TITLE
1982	<i>Shin B. D.</i>	14 OCT 08	X9066 INNER CAPSULE ASSY
SIZE	DWG. NO. <b>RB00223</b>	SCALE: NONE	SHEET 1 OF 1
REV	<b>B</b>		



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**CERTIFICATE NUMBER:** USA/0757/S-96, Revision 1

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